

STATE OF SOUTH AUSTRALIA.

WHEAT PRODUCTIVITY CLASSIFICATION, 1937-38.

With a view to ascertaining the extent of acreage producing very high and very low returns of wheat per acre, all wheat farms have been classified according to their productivity per acre. The accompanying return sets forth comparative details for the three seasons 1935-36, 1936-37 and 1937-38.

In the following notes, the particulars for the previous season are shown in parentheses.

The total yield for 1937-38 was 43,428,423 (28,714,653) bushels, averaging 13.73 (9.39) bushels per acre, and the Agricultural Areas Rainfall April-November was 11.38 (10.00) inches.

Of the 13,063 (12,909) farms in the State 9,760 (6,675) or 75% (52%) harvested yields of 9 bushels and over, and 3,303 (6,234) or 25% (48%) yields of less than 9 bushels.

4,152 (2,101) farmers or 31.78 (16.28)% harvested 18 bushels per acre and upwards, producing 46.64 (27.32)% of the crop from 28.75 (11.05)% of the total area sown. 42.93 (35.43)% of the farmers harvested 9 and under 18 bushels and 25.29 (48.29)% less than 9 bushels per acre.

Of the 4,152 (2,101) farms with average yields of 18 bushels and over 1,556 (1,106) were in the Central Division, 1,601 (559) in the Lower North and only 995 (436) in the remaining four Divisions of the State.

Of the total 3,303 (6,234) farms under 9 bushels, the Murray Mallee and Western Divisions had 790 (1,213) and 1,281 (1,770) respectively. In these Divisions there were 43 and 195 under 3 bushels, 227 and 528 with 3-6 bushels, 520 and 558 with 6-9 bushels, and 1,337 and 1,086 with 9 bushels and over.

| Divisions | WHEAT CROP | | Wheat Farms with yields of - | | | |
|---------------|------------|---------|------------------------------|-------|----------|--------|
| | Total | Av. per | Under 9 | 9-18 | 18 Bush. | Total |
| | Bush. | acre | Bush. | Bush. | & over | Total |
| | Bush. | Bush. | No. | No. | No. | No. |
| Central | 8,743,833 | 16.53 | 587 | 1,764 | 1,556 | 3,907 |
| Lower North | 14,235,492 | 18.37 | 198 | 1,257 | 1,601 | 3,056 |
| Upper North | 3,926,091 | 13.03 | 399 | 414 | 394 | 1,207 |
| South Eastern | 895,170 | 20.80 | 48 | 111 | 240 | 399 |
| Western | 7,713,084 | 9.36 | 1,281 | 913 | 173 | 2,367 |
| Murray Mallee | 7,914,753 | 11.48 | 790 | 1,149 | 188 | 2,127 |
| Total 1937-38 | 43,428,423 | 13.73 | 3,303 | 5,608 | 4,152 | 13,063 |
| 1936-37 | 28,714,653 | 9.39 | 6,234 | 4,574 | 2,101 | 12,909 |
| 1935-36 | 31,615,744 | 10.58 | 5,369 | 4,720 | 2,698 | 12,787 |
| 1934-35 | 27,455,600 | 8.61 | 6,391 | 4,266 | 2,396 | 13,053 |
| 1933-34 | 35,373,466 | 9.26 | 6,727 | 4,543 | 2,649 | 13,919 |

Average area of Wheat Crops per Holding - Central 135 (131), Lower North 254 (239), Upper North 250 (244), South Eastern 108 (88), Western 348 (356) and Murray Mallee 324 (311) acres, Total State 242 (237) acres. There were 1,774 (1,797) farms with less than 50 acres of wheat, and of these 812 (854) were less than 20 acres.

Since the above classification was first compiled -for 1926-27- there have been 4 seasons in which the average agricultural rainfall has been higher, but this last season recorded the highest average yield per acre, the highest percentage of farms with yields of 18 bushels or more per acre, and the lowest percentage with less than 9 bushels.

A. W. BOWDEN,

Statistical Office,

ADELAIDE.

11th October, 1938.

GOVERNMENT STATIST.

PRODUCTIVITY OF WHEAT AREAS - SOUTH AUSTRALIA.

Comparative analysis of the Productivity of Wheat Areas per acre for the seasons 1935-36, 1936-37, and 1937-38. Total average inches rainfall in Agricultural Areas (with April-November totals in parentheses) 1935 - 15.01 (12.08), 1936 - 13.56 (10.00), 1937 - 16.33 (11.38).

| Production Groups | No. of Wheat Growers | | | Area of Crop | | | PRODUCTION | | |
|------------------------------|----------------------|--------------------|--------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| | 1935-36 | 1936-37 | 1937-38 | 1935-36 | 1936-37 | 1937-38 | 1935-36 | 1936-37 | 1937-38 |
| | No. | No. | No. | Acres | Acres | Acres | Bush. | Bush. | Bush. |
| Under 3 Bush. | 1,823 | 1,903 | 456 | 473,780 | 541,903 | 107,149 | 614,352 | 901,115 | 193,524 |
| 3 & under 6 | 1,785 | 2,117 | 1,134 | 503,146 | 612,523 | 303,936 | 2,340,097 | 2,801,598 | 1,397,238 |
| 6 " " 9 | 1,761 | 2,214 | 1,713 | 492,398 | 583,972 | 467,751 | 3,751,606 | 4,451,493 | 3,477,081 |
| 9 " " 12 | 1,762 | 1,912 | 1,860 | 427,832 | 461,600 | 506,449 | 4,544,546 | 4,931,115 | 5,233,359 |
| 12" " 15 | 1,526 | 1,443 | 1,852 | 341,914 | 305,306 | 450,608 | 4,677,245 | 4,170,539 | 6,042,162 |
| 15" " 18 | 1,432 | 1,219 | 1,896 | 277,394 | 215,384 | 416,930 | 4,658,188 | 3,615,680 | 6,830,643 |
| 18" " 21 | 1,067 | 894 | 1,723 | 193,343 | 151,944 | 389,069 | 3,831,572 | 3,017,598 | 7,528,602 |
| 21" " 27 | 1,210 | 854 | 1,902 | 214,807 | 136,501 | 419,494 | 5,185,392 | 3,265,140 | 9,778,428 |
| 27" " 33 | 352 | 303 | 462 | 54,726 | 42,875 | 92,191 | 1,632,314 | 1,325,950 | 2,657,370 |
| 33 & up. | 69 | 50 | 65 | 10,150 | 6,449 | 8,162 | 380,432 | 234,425 | 290,016 |
| Total under 9 % to total | 5,369 (41.99) | 6,234 (48.29) | 3,303 (25.29) | 1,469,324 (49.15) | 1,738,398 (56.84) | 878,836 (27.79) | 6,706,055 (21.21) | 8,154,206 (28.40) | 5,067,843 (11.67) |
| Total 9 to 18 % to total | 4,720 (36.91) | 4,574 (35.43) | 5,608 (42.93) | 1,047,140 (35.03) | 982,290 (32.11) | 1,373,987 (43.46) | 13,879,979 (43.91) | 12,717,334 (44.28) | 18,106,164 (41.69) |
| Total 18 & up. % to total | 2,698 (21.10) | 2,101 (16.28) | 4,152 (31.78) | 473,026 (15.82) | 337,769 (11.05) | 908,916 (28.75) | 11,029,710 (34.88) | 7,843,113 (27.32) | 20,254,416 (46.64) |
| GRAND TOTAL | 12,787 (100.00) | 12,909 (100.00) | 13,063 (100.00) | 2,989,490 (100.00) | 3,058,457 (100.00) | 3,161,739 (100.00) | 31,615,744 (100.00) | 28,714,653 (100.00) | 43,428,423 (100.00) |

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